DODGE COUNTY, WI

DODGE COUNTY PUBLIC HEALTH UNIT

WEEKLY COVID-19 REPORT

For WEEK 40: Nov 30- Dec 6, 2020
Issued: Tuesday, December 8, 2020

PURPOSE:

The intent and purpose of the *Dodge County, WI COVID-19 Weekly Report* is to turn real data tracked into a visible format for the community to stay informed on the current COVID-19 status in Dodge County.

DISCLAIMER:

The data shown below are subject to change. We strive for transparency and accuracy in our data, and as individual cases are investigated by public health, there may be corrections to the status and details of cases that result in changes to this information. Some examples of corrections or updates that may lead to changes to our data, such as case and negative counts and deaths going up or down, include:

- Update or correction of case's address, resulting in a change to their location of residence to another county or state,
- Correction to laboratory result,
- Correction to a case's status from confirmed to unconfirmed (for example, if they were marked as confirmed because a blood test detecting antibodies was positive instead of a test detecting the virus causing COVID-19),
- De-duplication or merging and consolidation of case records,
- Update of case's demographic information from missing or unknown to complete information.

COVID-19 CUMULATIVE TOTALS:

Preliminary Estimate of Jan 1, 2020 population 90,005

Source: All statistics for reporting are tracked through the Wisconsin Electronic Disease Surveillance System (WEDSS) and are extracted from that database unless otherwise noted.

9,017
TOTAL CONFIRMED CASES (using PCR test)

1,990 (+263)
POSITIVES FROM DEPARTMENT OF CORRECTIONS

7,027 (+441)
COMMUNITY POSITIVE CASES
excludes Department of Corrections

34,086
NEGATIVE COUNT

83 (+11)
DECEASED

1,007
ACTIVE COMMUNITY POSITIVES
Source: Dodge County Public Health Department Tracking Log

467 (+61)
PROBABLE CASES

426 (+36)
HOSPITALIZATIONS EVER

5,939 (+697)
RECOVERED COMMUNITY POSITIVES
Source: Dodge County Public Health Tracking Log

DHS supports revised CDC guidelines to shorten quarantine for close contacts

While a 14-day quarantine is still the safest option, this new guidance takes into account emerging scientific evidence on quarantine periods, and recognizes the difficulty many Wisconsinites may have complying with the full 14-day quarantine.
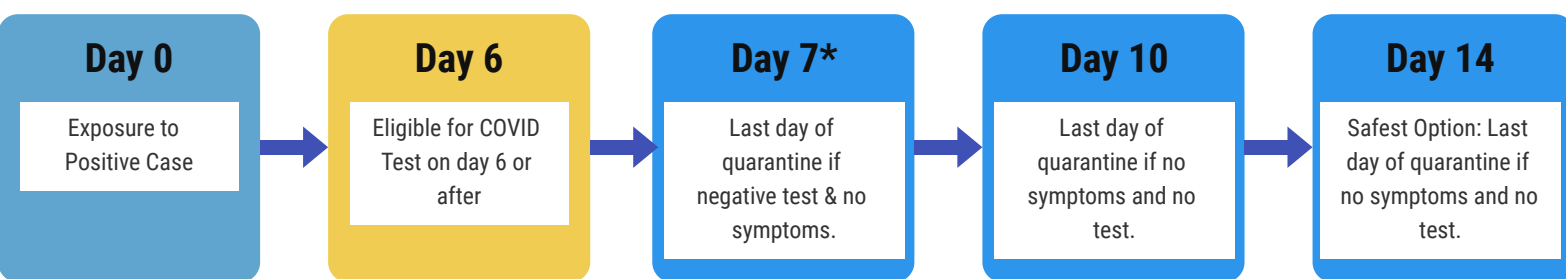
DHS now allows that people who do not develop symptoms (more info on self-monitoring below) can end their quarantine:

- After completing day 10 of quarantine without testing.
- After completing day 7 of quarantine and receiving a negative test result (molecular or antigen) that was collected within 48 hours of the end of quarantine.

People must continue to monitor for symptoms for the full 14 days. If symptoms develop following the end of quarantine, people are advised to immediately isolate, contact their health care provider, and get tested.

If individuals wish to end their quarantine at day 7 with a negative test, they will need to coordinate with their employer or school for early release. The health department is not able to provide proof of negative test results to end quarantine. Test results can be obtained via e-mail when tested at a WI National Guard testing site, or should be requested from the medical facility that ordered testing.

Timeline of Quarantine Options

Day 0	Day 6	Day 7*	Day 10	Day 14
Exposure to Positive Case	Eligible for COVID Test on day 6 or after	Last day of quarantine if negative test & no symptoms.	Last day of quarantine if no symptoms and no test.	Safest Option: Last day of quarantine if no symptoms and no test.

*If no test results by Day 7, continue to quarantine.

Q: Does this new guidance apply to everyone?
A: No. Congregate settings (such as care homes and prisons) are exempt. Schools may choose to be exempt also.

Contact Tracing delays:

Our Contact Tracing Team is on track with follow up and we are currently attempting to contact those people who have tested positive within 24 hours and following up with their household contacts within 48 hours. Our ability to follow-up with non-household contacts within 48 hours may be *delayed*.

We encourage those with a positive result to review the resources below and notify your close contacts while you wait for Public Health to call.

Please visit our website for additional information about quarantine and isolation release times and "next steps."

Thank you for your patience.

Self-Monitoring for Symptoms

In order to qualify for a recommendation from Public Health to end quarantine early, self-monitoring for symptoms is a requirement. In order to do this, there are 2 options:
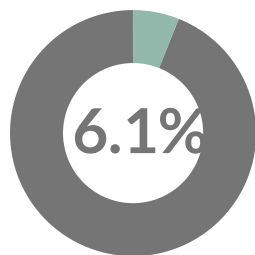1. Enroll in the email option.
2. Opt for a daily phone call from our staff.

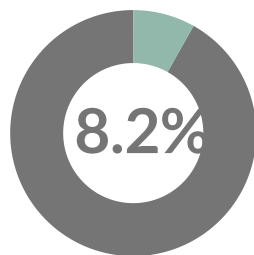## COVID-19- COMMUNITY POSITIVE STATISTICS
Hospitalizations, Deaths, Recoveries

Statistics are calculated using total Community cases

% HOSPITALIZED EVER

6.1%

● HOSPITALIZED
● NOT HOSPITALIZED

Weekly % HOSPITALIZED

8.2%

● HOSPITALIZED
● NOT HOSPITALIZED

"Hospitalized" means the person needed to be admitted to the hospital for medical care at some point in their illness. This does not include someone that was only seen in urgent care or the emergency department. The length of admission varies among cases: *at least one night or up to a month or longer.*

Less than 1% of those cases were put on mechanical ventilation to assist with breathing.

36 patients with COVID-19 were admitted to the hospital this week because of their symptoms. Does not include DOC cases.

1,007 cases are actively isolating at their homes and receive daily monitoring calls from Public Health staff. **Down 268 cases from last week.**

5,939 cases are recovered: it has been 10 days since symptoms first appeared and they have been symptom free for 24 hrs. **Up 697 cases from last week.**
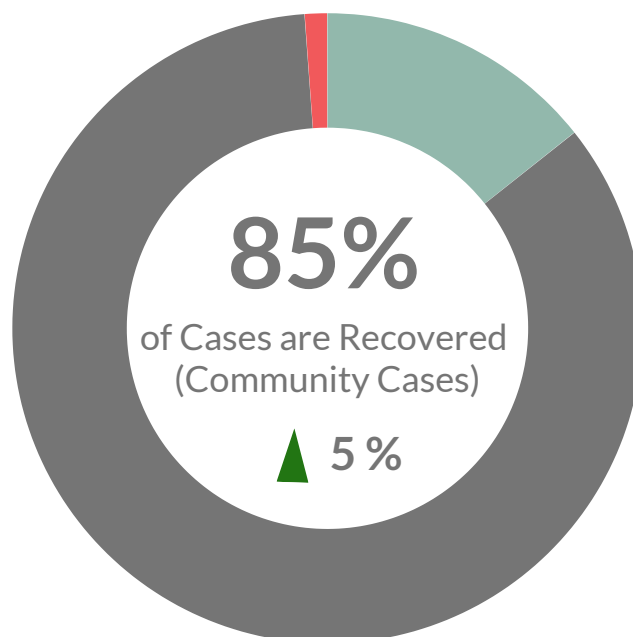
83 cases are deceased from the virus. **Up 11 from last week.** (*2 of the deaths are not community cases)

RECOVERY STATUS

85%
of Cases are Recovered
(Community Cases)

▲ 5 %

● ACTIVE CASES- 14%   ● RECOVERED- 85%   ● DECEASED- < 1%
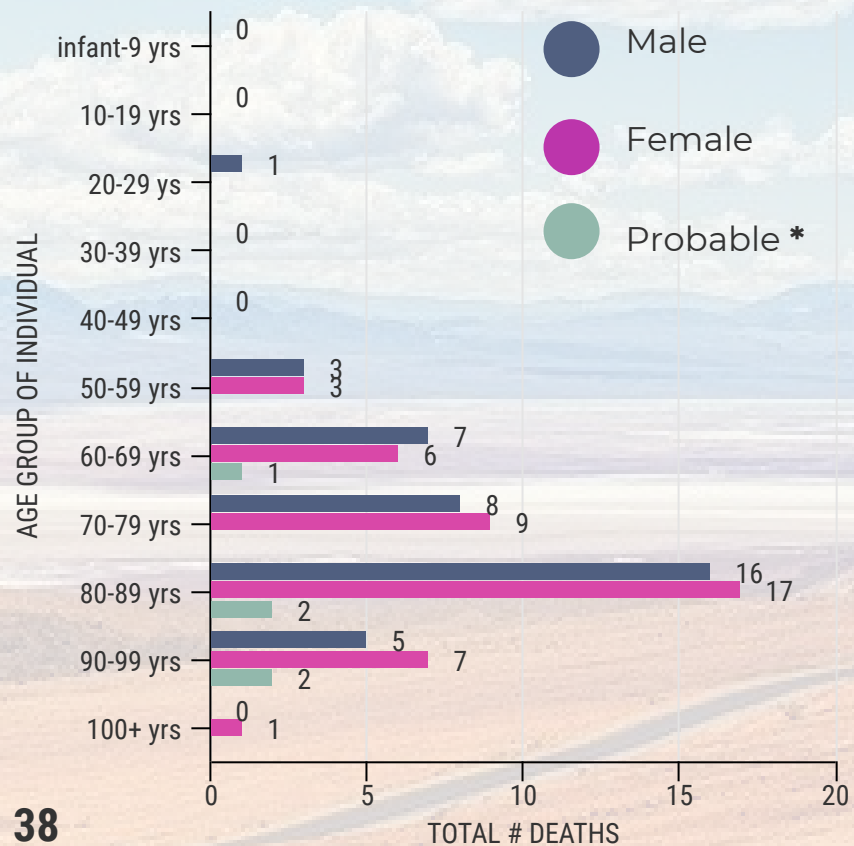
COVID-19 Death Reporting

Counting COVID-19 deaths:

1. Deaths must be reported by health care providers, medical examiners/coroners, and recorded by local health departments in order to be counted.
2. The medical examiner in the county of the death reviews all pertinent medical records and tests to determine the cause of death.
3. COVID-19 must be listed as a "cause of death" or "other significant condition" in order for it to be considered a COVID death
4. A death is counted in statistics once the death certificate is finalized and received by Dodge County Public Health. .
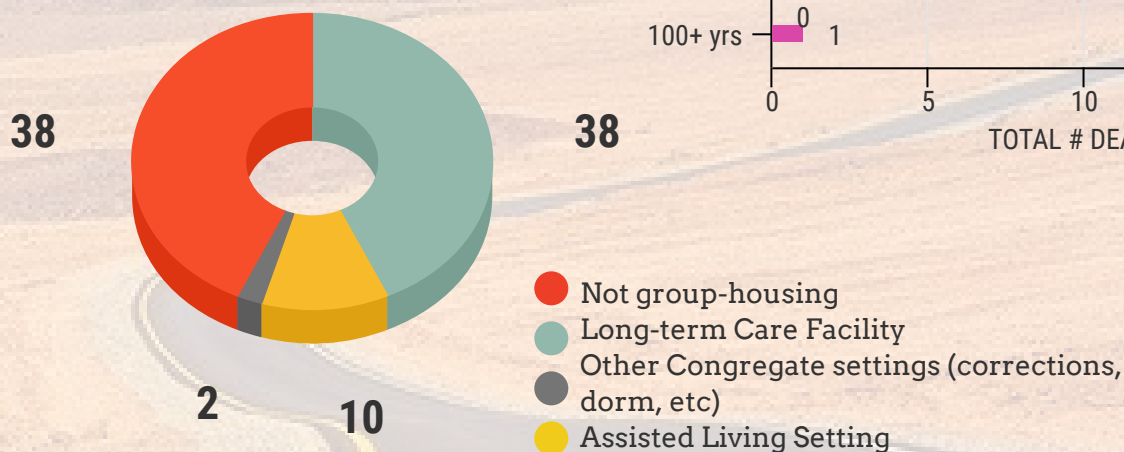
Hospitalized	51
Any Intensive Care	13
Intubated	9
Not Hospitalized	13
Unknown Hospitalization Status	19

Source: Public Health Analysis Visualization and Reporting (PHAVR) web portal.

COVID-19 Deaths by Age Group

Male
Female
Probable *

Age Group	Value
infant-9 yrs	0
10-19 yrs	0
20-29 ys	1
30-39 yrs	0
40-49 yrs	0
50-59 yrs	3 / 3
60-69 yrs	7 / 6 / 1
70-79 yrs	8 / 9
80-89 yrs	16 / 17 / 2
90-99 yrs	5 / 7 / 2
100+ yrs	0 / 1

AGE GROUP OF INDIVIDUAL
TOTAL # DEATHS

DEATHS BY SETTING

38   38

2   10

- Not group-housing
- Long-term Care Facility
- Other Congregate settings (corrections, dorm, etc)
- Assisted Living Setting

*Probable

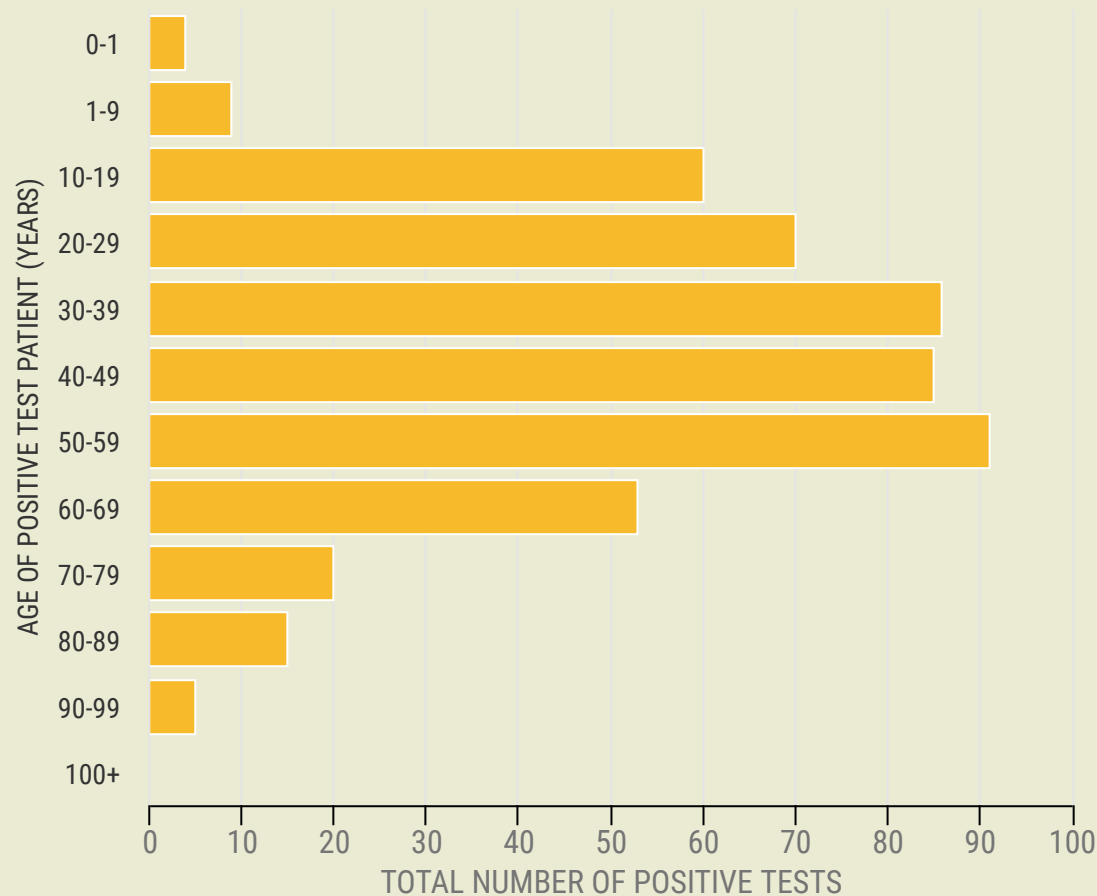Deaths among probable cases are those that meet one of the following criteria:

1. A probable case of COVID-19 is reported to have died from causes related to COVID-19.
2. A death certificate that lists COVID-19 disease or SARS-CoV-2 as an underlying cause of death or a significant condition contributing to death is reported to DHS but WEDSS has no record of confirmatory laboratory evidence for SARS-CoV-2.

COVID-19- COMMUNITY POSITIVE STATISTICS
EXCLUDES PERSONS UNDER CARE OF DEPARTMENT OF CORRECTIONS

AGE RANGE OF POSITIVE INDIVIDUALS: Nov 30- Dec 6, 2020

Chart: AGE OF POSITIVE TEST PATIENT (YEARS) vs TOTAL NUMBER OF POSITIVE TESTS

- 0-1: ~4
- 1-9: ~9
- 10-19: ~60
- 20-29: ~70
- 30-39: ~86
- 40-49: ~85
- 50-59: ~91
- 60-69: ~53
- 70-79: ~20
- 80-89: ~15
- 90-99: ~5
- 100+: 0

● New Confirmed Cases

FACILITY-WIDE COVID-19 PUBLIC HEALTH INVESTIGATIONS / "OUTBREAKS"

What types of facilities?:
Long-term care facilities (nursing home, assisted living, CBRF) ,
group housing facilities (correctional facilities, homeless shelters, dormitories, group homes) ,
health care facilities (hospitals, clinics),
workplace (non-health care) settings (manufacturing and production, distribution, offices and other indoor workplaces),
and Other settings (adult or child day care centers, restaurants, event spaces and religious settings)

How are these investigations initiated?:
A single confirmed case in a long-term care facility.
Two or more confirmed cases in any other setting.

47
Active Facility-wide investigations in Dodge County

Detecting COVID-19 in a nursing facility
is an indicator that the nursing home is following proper notification procedures and working with public health experts to test and protect their residents and employees by using appropriate isolation and infection control practices. Proactive testing helps address outbreaks early on while they're easier to isolate and manage.

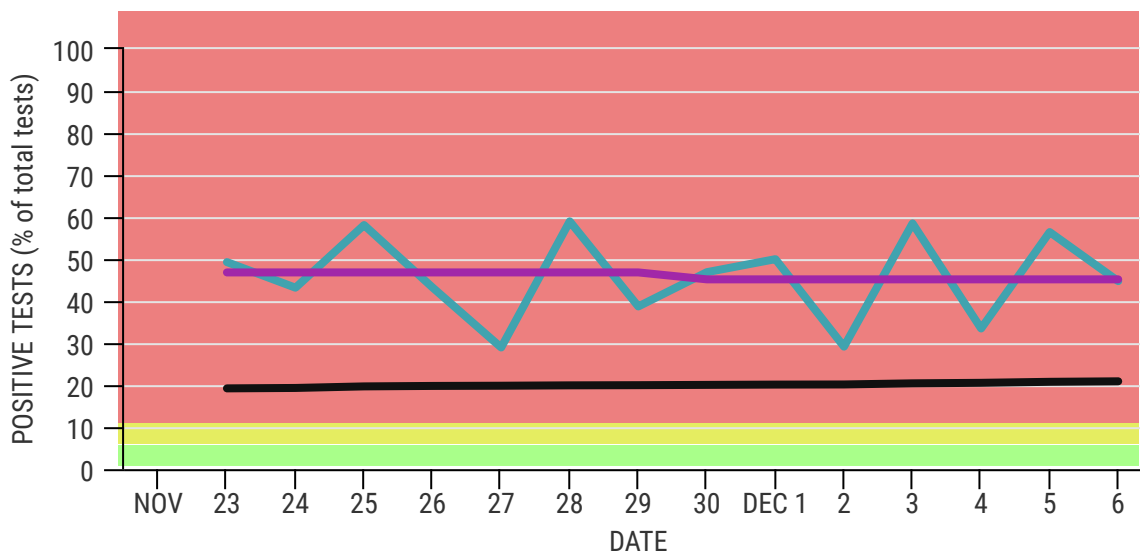## COVID-19 STATISTICS: Weekly % Positive Rates

FOR WEEK 40

1,558 TOTAL TESTS

704 POSITIVE TESTS

854 NEGATIVE TESTS

45.19% % Pos Weekly Avg

2 Week % Positive Rate By Person

POSITIVE TESTS (% of total tests) — y-axis: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

DATE — x-axis: NOV 23, 24, 25, 26, 27, 28, 29, 30, DEC 1, 2, 3, 4, 5, 6

Of Concern

Proceed with Caution

Good

Line Key

% Positive Rate by Person ▬

Daily % Positive Rate by Person ▬

7 Day Average % Positive Rate by Person ▬

Goal :
- <5%
- downward trajectory

Calculations:

1) **% Positive Rate By Person** = Total Positive Tests ÷ Total Positive and Negative Labs
   *aka. "Rolling average"- more accurate

2) **Daily % Positive rate By Person** = # Positive labs in last 24 hrs ÷ total labs resulted in last 24 hrs
   * fluctuations occur more frequently based on how long different labs take to produce test results and the LPHD's resources to manually log positive results.

3) **7-day average** = Total Positive tests from the week ÷ total tests from the week
   *to smooth out any day-to-day fluctuations and track overall trends

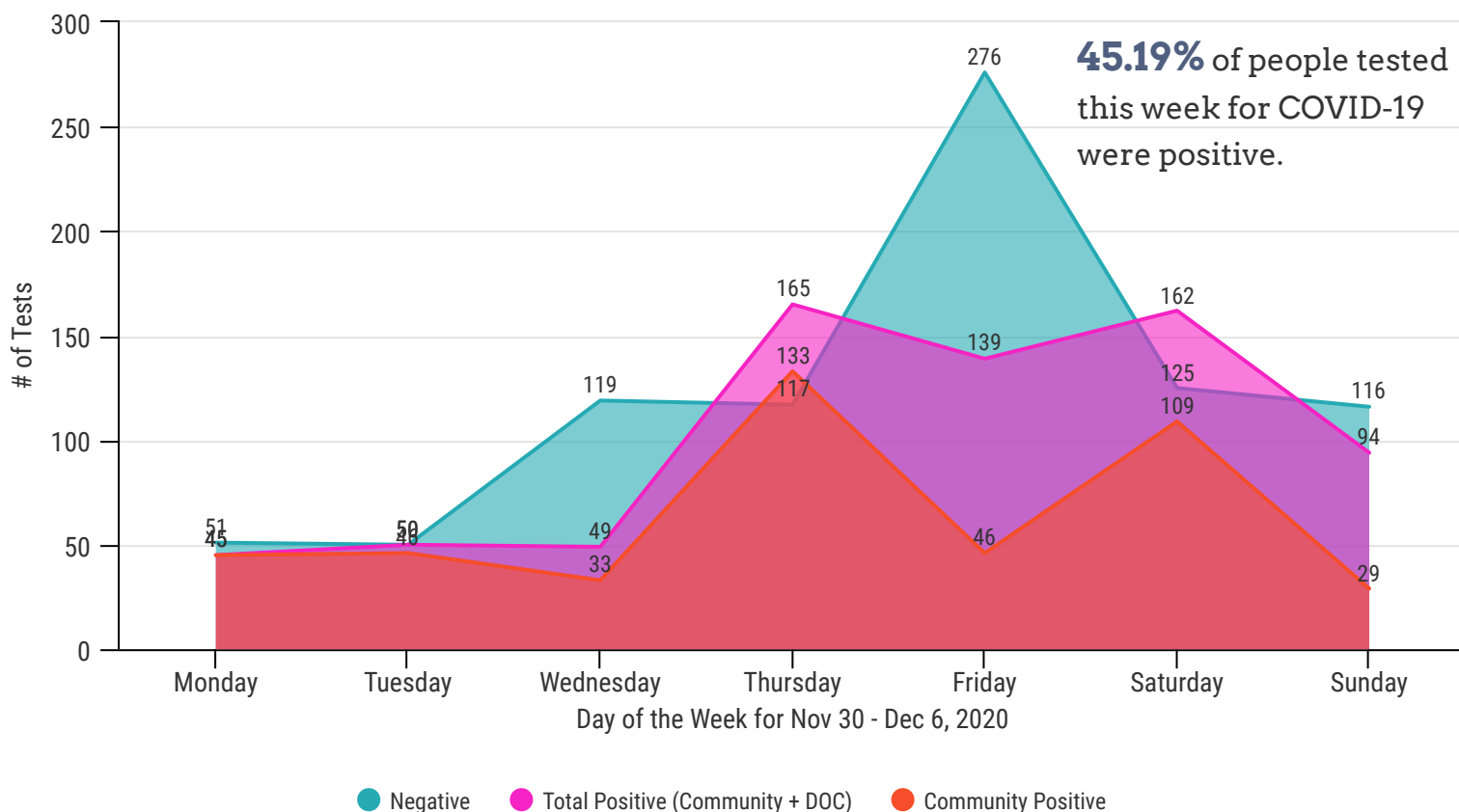## Why does the % Positive Rate By Person Matter?

The percent positive is exactly what it sounds like: the percentage of all coronavirus tests performed per person that are actually positive, or: (positive cases)/(total positive + negative persons) x 100%. Percent positive by person only includes each person once across the duration of the pandemic. The percent positive (sometimes called the "percent positive rate" or "positivity rate") helps public health officials answer questions such as:

What is the current level of SARS-CoV-2 (coronavirus) transmission in the community?
Are we doing enough testing for the amount of people who are getting infected?
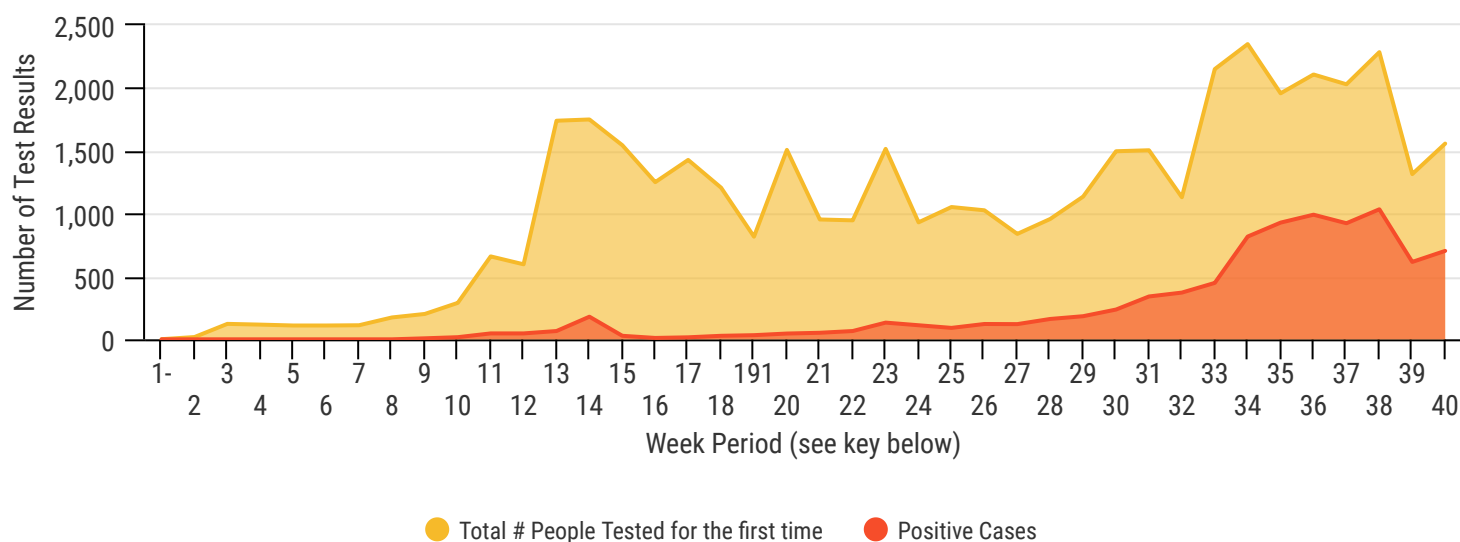
COVID-19 STATISTICS: WEEKLY TESTING INFORMATION

Weekly Positive & Negative Lab Results

45.19% of people tested this week for COVID-19 were positive.

Day of the Week for Nov 30 - Dec 6, 2020

- ● Negative
- ● Total Positive (Community + DOC)
- ● Community Positive

Cumulative Testing Data

Week Period (see key below)

- ● Total # People Tested for the first time
- ● Positive Cases

Week 1: March 1-7	Week 11: May 10-16	Week 21: July 19-25	Week 31: Sep 28- Oct 4
Week 2: March 8-14	Week 12: May 17-23	Week 22: July 26-Aug 1	Week 32: Oct 5-11
Week 3: March 15-21	Week 13: May 24-30	Week 23: Aug 2-8	Week 33: Oct 12-18
Week 4: March 22-28	Week 14: May 31- June 6	Week 24: Aug 9-15	Week 34: Oct 19-25
Deek 5: March 29-April 4	Week 15: June 7-13	Week 25: Aug 16-23	Week 35: Oct 26- Nov 1
Week 6: April 5-11	Week 16: June 14-20	Week 26: Aug 24-30	Week 36: Nov 2-8
Week 7: April 12-18	Steek 17: June 21-27	Weekly 27: Aug 31- Sep 6	Week 37: Nov 9-15
Week 8: April 19-25	Week 18: June 28-July 4	Week 28: Sep 7- 13	Week 38: Nov 16-22
Week 9: April 26-May 2	Week 19: July 5-11	Week 29: Sep 14-20	Week 39: Nov 23-29
Week 10: May 3-9	Week 20: July 12-18	Weeak 30: Sep 21-27	Week 40 : Nov 30- Dec 6

Harvard Model:
Key Metrics for COVID Suppression

Introduction:

The Harvard Global Health Institute and Harvard's Edmond J. Safra Center for Ethics have been working with a network of research and policy organizations to achieve convergence around recommendations for core metrics to be used to evaluate the status of COVID response and key performance indicators to evaluate how well particular tools of response are being deployed. Putting it in a rate per 100,000 population allows you to compare it to other counties with varying populations.
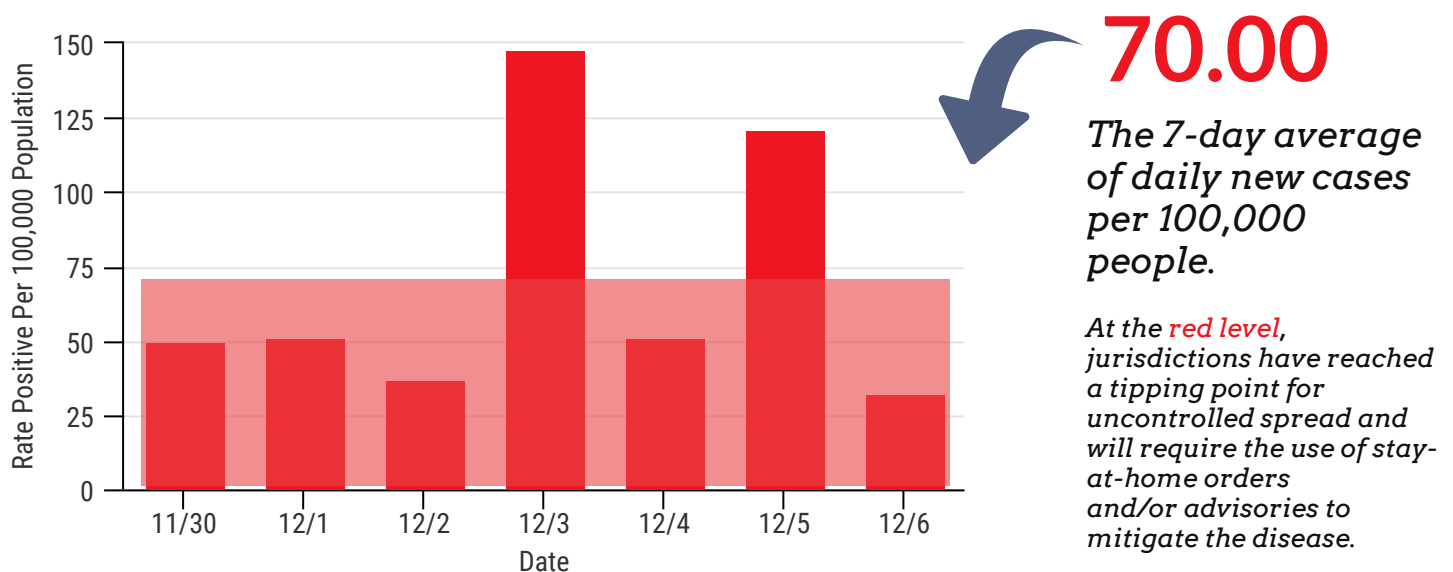
COVID Risk Level Map:

Risk Level: GREEN	Risk Level: YELLOW	Risk Level: ORANGE	Risk Level: RED
Less than ONE case PER 100,000 People	1-9 cases PER 100,000 People	10-24 cases PER 100,000 People	25+ cases PER 100,000 People
On track for containment	Community Spread	Accelerated Spread	Tipping point
Monitor with viral testing and contact tracing program	Rigorous test and trace programs advised	Stay-at-home orders and/or rigorous test and trace programs advised	Stay-at-home orders necessary

Purpose:

Purpose: A unified approach for suppressing COVID-19 with common metrics to help anticipate and get ahead of the virus rather than reacting to uncontrolled community spread.

Harvard Model: Is reported as a 7 day average

November 30- December 6, 2020

70.00

The 7-day average of daily new cases per 100,000 people.

At the red level, jurisdictions have reached a tipping point for uncontrolled spread and will require the use of stay-at-home orders and/or advisories to mitigate the disease.

The rate of positive cases per 100,000 population is based on community positive cases only using a 2020 preliminary population for Dodge County of 90,005. No department of corrections positive cases are factored into this model as we feel they do not accurately represent the community spread of the virus in Dodge County.

DODGE COUNTY SAFE RESTART

WHAT IS IT?: A measured, phased-in approach that utilizes data-driven benchmark criteria and aligns with federal and state metrics has been developed to guide Dodge County decision making.

Effective September 18, Dodge County will transition back to *Phase ONE* of the Dodge County Safe Restart:

READ THE FULL PLAN: Visit our website under the "Coronovirus Information" > Dodge County Safe Restart tab and click the link: "Dodge County Safe Restart Guidelines and Recommendations for Action" to read the full plan.

Phase 1

● Businesses should continue using the general best practice guidelines from the Wisconsin Economic Development Corporation (WEDC) and any sector specific recommendations that apply to the work being done. If your sector is not included the CDC has additional resources for sectors/organizations to reference.

● Limit capacity within non-essential businesses, bars, restaurants and organizations to **25% or less.**

● Events held outdoors should allow for all people to maintain 6 feet physical distance (36 square feet per person) from others.

● People age 65 or older and those who are medically vulnerable should continue to limit travel and remain at home as much as possible.

● Support online education/remote work options as able.

● Encourage curbside pick-up to reduce in-store traffic and long lines.

● If community members choose to gather socially, private indoor social gatherings should be limited to **10 people or less** with physical distancing.

● Encourage masking for both staff and consumers.

Weekly Benchmark Criteria Scorecard:
Updated 12/4/2020

Date:
December 4, 2020

Current Phase:
Phase One

Explanation:
Cases: steady upward trajectory greater than 10% positivity rate.

Care: Local hospitals are reporting they have moved into crisis standards.

Tracing: Our Contact Tracing Team is attempting to reach greater than 50% of new positive cases within 24 hrs and household contacts within 48 hrs. Attempting to reach non-household contacts within 48hrs may be delayed.

We recommend continuing following our guidance, to include: physical distancing, wearing a mask, increased handwashing, and avoiding gatherings.

Phase: ONE
Dodge County Benchmark Criteria

Indicator	Metric	Status
Cases	Downward trajectory of positive cases of COVID-19 as a percentage of total tests.	✔ (red)
Testing	Testing availability for all residents with COVID-like symptoms, with priority toward vulnerable populations.	✔ (green)
Care	Hospitals have ability to treat all patients requiring hospitalization without resorting to crisis standards.	✔ (red)
PPE	Adequate PPE available to healthcare personnel.	✔ (green)
Tracing	Every resident who tests positive for COVID-19 is interviewed within 24 hours of test results. COVID positive contacts are interviewed within 48 hours of test results.	✔ (yellow)

Excellent	Proceed with Caution	Of Concern

Should I get tested?

Anyone with symptoms of COVID-19 or who has been exposed to COVID-19 should get tested.

- Fever
- Headache
- New Loss of Taste or Smell
- Cough
- Phlegm Buildup

- Shortness of Breath
- Fatigue
- Diarrhea
- Aching Muscles

If you think you need to get tested:

- Contact your doctor to ask if your primary health care clinic is providing testing.
- Find a local community testing site. Testing at these sites are provided at no cost. Some locations may require a doctor's note or appointment to receive a test.

Where to find community COVID testing:

Ongoing sites:

Even if you only have ONE symptom, get tested.

Vacant building--Beaver Dam, WI (Walk-in)
1701 N. Spring St, Beaver Dam, WI 53916
Mondays and Wednesdays 10:00am- 6:00pm (thru 12/9/20)

Fond du Lac County Fair Grounds--Fond du Lac, WI (Drive-thru)
520 Fond du Lac Ave, Fond du Lac, WI 54935
Thursday 11:00am- 7:00pm (thru 12/10/20)

Alliant Energy Center--Madison, WI (Drive-thru)
1919 Alliant Energy Center Way, Madison, WI 53713
Hours: Closed Sun/Mon;   Wed/Fri/Sat:8:00am- 4:00pm; Tue/Thu: 12:00pm - 8:00pm,

Sunnyview Expo Center-- Oshkosh,WI (Drive-thru)
500 E County Rd Y, Oshkosh, WI 54901
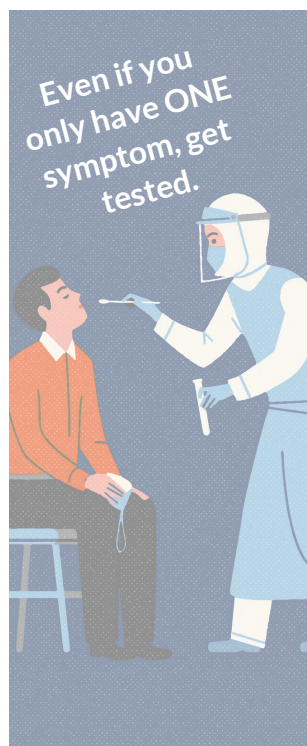*Hours:* Mon- Fri 10:00am -6:00pm; Sat 8:00am- 4:00pm

To find a testing site near you visit:
https://www.dhs.wisconsin.gov/covid-19/community-testing.htm

Pre-Register: register.covidconnect.wi.gov
Pre-registering speeds up the process= less wait time for everyone
The pre-registration QR code is good for one-time use at any National Guard site

Tested for COVID-19 at a Wisconsin National Guard site?

Have you been waiting more than five days for your results from a National Guard COVID-19 testing site?

**Call the results hotline at
1-866-419-6988.**